3-9-06

MAR 0 8 2006

PTO/SB/21 (04-04)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# TRANSMITTAL FORM Application Number 10/643,674 Filing Date August 19, 2003 First Named Inventor Hyon et al. Art Unit 1711 Examiner Name Susan Berman

Total Number of Pages in This Submission Attorney Docket Number 1736-000001/REB ENCLOSURES (check all that apply) Fee Transmittal Form ☐ Drawing(s) Technology Center (TC) Appeal Communication to Board of Fee Attached Licensing-related Papers Appeals and Interferences Petition Appeal Communication to TC Amendment / Reply (Appeal Notice, Brief, Reply Brief) Petition to Convert to a After Final Proprietary Information Provisional Application Power of Attorney, Revocation Affidavits/declaration(s) Status Letter Change of Correspondence Address \_\_ Terminal Disclaimer Other Enclosure(s) Extension of Time Request (please identify below): Form 1449; return postcard. Request for Refund Express Abandonment Request CD, Number of CD(s) Information Disclosure Statement The Commissioner is hereby authorized to charge any additional Remarks Certified Copy of Priority Document(s) fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750. Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Reg. No. Attorney Name Harness, Dickey & Pierce, P.L.C. David L. Suter 30.692 Individual name Signature Date March 6, 2006 **CERTIFICATE OF TRANSMISSION/MAILING** 

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	David L. Suter	Express Mail Label No.	EV 853 855 785 US (3/8/2006)
Signature	what	Date	March <b>8</b> , 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/17 (12-04v2)

.0.08	Myndenthe Paperwork Reduction Act o	f 1995, no persons are required	U.S. Pate to respond to a collection	Approved for use through 07/31/2006 ant and Trademark Office: U.S. DEPARTMENT of information unless it displays a valid OME  Complete if Known	OMB 0651-0032 OF COMMERCE control number
An	Effective on 12/0 Fees Carsuant to the Consolidated Appro	8/2004. priations Act. 2005 (H.R. 4818)		Complete if Known	
	*	,	Application Number	10/643,674	
TO TR	FEE TRANS	SWITTAL	Filing Date	August 19, 2003	
	for FY 2	2005	First Named Inventor	Hyon et al.	
	Applicant claims small entity s	atus. See 37 CFR 1.27	Examiner Name	Susan Berman	
	TOTAL AMOUNT OF PAYMENT (\$)		Art Unit	1711	
1		(\$) \$180.00	Attorney Docket No.	1736-000001/REB	

Check								
Deposit Account   Deposit Account Number: ∪8-0750	METHOD OF PAYMEN	T (check all	that apply)					
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)    Charge fee(s) indicated below   Charge fee(s) indicated below, except for the filling fee		rd 🗌 Mon	ey Order 🔲 N	one 🗌 Other (	please identify):			
Charge fee(s) indicated below   Charge fee(s) indicated below, except for the filling fee	Deposit Account Dep	osit Account	Number: 08-075	60	Deposit Account	Name: Harn	ess, Dickey & Pi	erce, P.L.C.
Charge any additional fee(s) or underpayments of fee(s)   Credit any overpayments   Charge and provide credit card information should not be included on this form. Provide credit card information and nuthorization to PTO-2038.    FEE CALCULATION	For the above-ide	entified depo	sit account, the [	Director is hereby	authorized to: (che	eck all that ap	pply)	
Marking: Information and suthorization or PTO-2038.   FEE CALCULATION	Charge fe	e(s) indicated	d below		Charge f	ee(s) indicate	ed below, except	for the filing fee
MARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information information and authorization on PTO-2038.    FEE CALCULATION				syments of fee(s)	Credit ar	ny overpayme	ents	
FEE CALCULATION				edit card informati	on should not be inc	cluded on this	form Provide cro	odit eard
Application Type	information and authorization	on PTO-203	8.		on should not be in		TOTAL: PTOVIDE CIE	uncaru
Application Type	FEE CALCULATION							
Small Entity   Fee (\$)   Fee (\$)	1. BASIC FILING, SEA							
Application Type				SEARCH	·	EXAMIN		
Utility   300   150   500   250   200   100	A							
Design   200   100   100   50   130   65							<del></del>	Fees Paid (\$)
Plant   200   100   300   150   160   80	•							<del></del>
Reissue 300 150 500 250 600 300	J	_ • •					••	
Provisional 200 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0							•	
2. EXCESS CLAIM FEES  Fee Description  Each claim over 20 (including Reissues) Each independent claim over 3 (including Reissues) Each independent claim over 3 (including Reissues) Each independent claim over 3 (including Reissues) Multiple dependent claims  Total Claims  Extra Claims  Fee(\$) Fee Paid (\$)  HP = highest number of total claims paid for, if greater than 20.  Indep. Claims  Extra Claims Fee(\$) Fee Paid (\$)  HP = highest number of independent claims paid for, if greater than 3.  3. APPLICATION SIZE FEE  If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)								
Fee Description Each claim over 20 (including Reissues) Each independent claims over 3 (including Reissues)  Multiple dependent claims  Total Claims  Extra Claims  Fee(\$) Fee Paid (\$)  HP = highest number of total claims paid for, if greater than 20.  Indep. Claims HP = highest number of independent claims paid for, if greater than 3.  3. APPLICATION SIZE FEE  If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets Extra Sheets Number of each additional 50 or fraction thereof fee Paid (\$)  Extra Sheets Number of each additional 50 or fraction thereof fee Paid (\$)			100	U	U	U	=	
Each claim over 20 (including Reissues) Each independent claim over 3 (including Reissues)  Multiple dependent claims  Total Claims  Extra Claims  Fee(\$)  Fee Paid (\$)  HP = highest number of total claims paid for, if greater than 20.  Indep. Claims  Extra Claims  Fee(\$)  Fee Paid (\$)  APPLICATION SIZE FEE  If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets  Extra Sheets  Number of each additional 50 or fraction thereof  Fee (\$)  Fee Paid (\$)		E9						
Each independent claim over 3 (including Reissues)  Multiple dependent claims  Total Claims  Extra Claims  Fee(\$)  Fee Paid (\$)  Multiple Dependent Claims  — -20 or HP= 0 x = 0  HP = highest number of total claims paid for, if greater than 20.  Indep. Claims  Extra Claims Fee(\$)  Fee Paid (\$)  — - 3 or HP= 0 x = 0  HP = highest number of independent claims paid for, if greater than 3.  3. APPLICATION SIZE FEE  If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)  Fees Paid (\$)  Fees Paid (\$)  Non-English Specification, \$130 fee (no small entity discount)		cludina Rais	cuec)	•				
Multiple dependent claims  Total Claims  Extra Claims  Fee(\$)  Fee Paid (\$)  Multiple Dependent Claims  Fee (\$)  Fee Paid (\$)  HP = highest number of total claims paid for, if greater than 20.  Indep. Claims  Extra Claims  Fee(\$)  Fee Paid (\$)  Fee Paid (\$)  - 3 or HP = 0 x = 0  HP = highest number of independent claims paid for, if greater than 3.  3. APPLICATION SIZE FEE  If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets  Extra Sheets  Number of each additional 50 or fraction thereof  Fee (\$)  Fee Paid (\$)				ı				
Total Claims  Extra Claims  Fee(\$) Fee Paid (\$)  Multiple Dependent Claims  Fee (\$) Fee Paid (\$)  HP = highest number of total claims paid for, if greater than 20.  Indep. Claims  Extra Claims  Fee(\$) Fee Paid (\$)  - 3 or HP = 0 x = 0  HP = highest number of independent claims paid for, if greater than 3.  3. APPLICATION SIZE FEE  If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)  Fees Paid (\$)  Fees Paid (\$)  Non-English Specification, \$130 fee (no small entity discount)			idding Reissaes)					
-20 or HP= 0 x _ = 0 Fee (\$) Fee Paid (\$)  HP = highest number of total claims paid for, if greater than 20.  Indep. Claims Extra Claims Fee(\$) Fee Paid (\$)  — - 3 or HP= 0 x _ = 0  HP = highest number of independent claims paid for, if greater than 3.  3. APPLICATION SIZE FEE  If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)  — - = 0 / 50 = 0 (round up to a whole number) x = 0  4. OTHER FEE(\$)  Non-English Specification, \$130 fee (no small entity discount)			laims Fee	e(\$) Fee	Paid (\$)			
Indep. Claims  -3 or HP= 0 x = 0  HP = highest number of independent claims paid for, if greater than 3.  3. APPLICATION SIZE FEE  If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets  Extra Sheets  Number of each additional 50 or fraction thereof  Fee (\$) Fee Paid (\$)  - = 0 /50 = 0 (round up to a whole number) x = 0  4. OTHER FEE(S)  Non-English Specification, \$130 fee (no small entity discount)	20 or HP:	= <u>0</u>	x	= <u>0</u>				
- 3 or HP= 0 x = 0  HP = highest number of independent claims paid for, if greater than 3.  3. APPLICATION SIZE FEE  If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)  - = 0 / 50 = 0 (round up to a whole number) x = 0  4. OTHER FEE(S)  Non-English Specification, \$130 fee (no small entity discount)	HP = highest number of	total claims pa	id for, if greater tha	n 20.				
HP = highest number of independent claims paid for, if greater than 3.  3. APPLICATION SIZE FEE  If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)  - = 0 / 50 = 0 (round up to a whole number) x = 0  4. OTHER FEE(S)  Non-English Specification, \$130 fee (no small entity discount)	<u>Indep. Claims</u>	Extra C	laims Fee	e(\$) <u>Fee</u>	Paid (\$)			
3. APPLICATION SIZE FEE  If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets		-						
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets								
listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets								
sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets	If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CEP 1.52(e)), the application size for due is \$350 (\$125 for every lightly for each additional to the sequence of the sequ							
Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)  ———————————————————————————————————	sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1 16(s)							
- = 0 / 50 = 0 (round up to a whole number) x = 0  4. OTHER FEE(S)  Non-English Specification, \$130 fee (no small entity discount)	<u>Total Sheets</u>					ction there	of Fee (\$)	Fee Paid (\$)
Non-English Specification, \$130 fee (no small entity discount)	-	= 0						
Non-English Specification, \$130 fee (no small entity discount)							Fees Paid (\$)	
	<u> </u>							
								\$180

SUBMITTED BY			· ·	
Signature	DO4±	Registration No. (Attorney/Agent) 30,692	Telephone	(248) 641-1600
Name (Print/Type)	David L. Suter		Date	March 8, 2006

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

#### **PATENT**

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.:

10/643,674

Filing Date:

August 19, 2003

Applicant:

Hyon et al.

Group Art Unit:

1711

Examiner:

Susan Berman

Title:

ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE

MOLDED ARTICLE FOR ARTIFICIAL JOINTS AND METHOD

OF PREPARING THE SAME

Attorney Docket:

1736-000001/REB

Director of the United States Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

#### SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant hereby submits an Information Disclosure Statement for consideration by the Examiner.

#### I. <u>LIST OF PATENTS, PUBLICATIONS, AND OTHER INFORMATION</u>

The patents, publications and other information requested to be considered by the Office (except unpublished U.S. patent applications) are listed on Form 1449 attached hereto.

#### II. COPIES

A. Submitted herewith is a legible copy of (i) each foreign patent; (ii) each publication or that portion which caused it to be listed, other than U.S. patents and U.S. patent application publications unless required by the Office; (iii) each unpublished U.S. application listed below in Section IV (i.e., including the specification, claims, and any drawing of the application, or that portion of the application which caused it to be listed, including any claims directed to that portion), except for such applications filed on or after June 30, 2003, pursuant to the Waiver of the Copy Requirement in 37 C.F.R. 1.98 (OG Notice dated

LAI UVUVUOE IVB43674

180.00 DP

01 FF-1806

be listed. B. Any patents, publications or other information which are listed on Form 1449 or on the copies of PTO-892, but which are not enclosed herewith, were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. § 120: U.S. Serial Number U.S. Filing Date 10/141,374 May 8, 2002 C. This is a PCT application in the entry of the National Phase in the United States. A copy of the International Search Report is attached for the Examiner's information. The documents listed on the International Search report are listed on the attached Form 1449 for consideration by the Examiner and for listing on any patent resulting from this application. If the International Search report was from the US, EPO, or JPO search authorities, copies of these references should have been supplied to the USPTO under the trilateral agreement and are believed to be in the file of the above-identified application. (MPEP 1893.03(g).) 111. CONCISE EXPLANATION OF THE RELEVANCE (check at least one box) A. 

Except as may be indicated below in (B), all of the patents, publications or other information are in the English language (concise explanation not required). B. A concise explanation of the relevance of each patent, publication or other information listed that is not in the English language is as follows (see 37 C.F.R. § 1.98(a)(3)): 1. See the attached foreign patent office communication from a counterpart foreign application: 2. English translations are provided: 3. Other: C. The following additional information is provided for the Examiner's consideration.

October 19, 2004); and (iv) all other information or that portion which caused it to

#### IV. CROSS REFERENCE TO RELATED APPLICATION(S)

A. The Examiner is advised that the following co-pending application(s) contain(s) subject matter that may be related to the present application. By bringing this(these) application(s) to the Examiner's attention, Applicant(s) does (do) not waive the confidentiality provisions of 35 U.S.C. § 122.

Serial No.	Filing Date	Inventor(s)
10/141,374	May 8, 2002	Hyon et al.
10/643,673	August 19, 2003	Hyon et al.

#### V. THIS IDS IS BEING FILED UNDER

A. 37 C.F.R. § 1.97(b): (check only one box)

- 1. within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d) (37 C.F.R. § 1.97(b)(1)). No fee or certification is required.
- 2. within three months of the date of entry of the national stage as set forth in § 1.491 in an international application (37 C.F.R. § 1.97(b)(2)). No fee or certification is required.
- 3. before the mailing of a first Office Action on the merits (37 C.F.R. § 1.97(b)(3)). No fee or certification is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the certification under 37 C.F.R. § 1.97(e) below; or, if no certification has been made, charge our deposit account a fee in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p).
- 4. before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. § 1.114. No fee or certification is required.

#### B. **37 C.F.R. § 1.97(c)**: (check <u>only</u> one box)

before the mailing date of either any Final Office Action under 37 C.F.R. § 1.113, a Notice of Allowance under 37 C.F.R. § 1.311, or an action that otherwise closes prosecution.

- 1.  $\boxtimes$  No certification; therefore, a fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).
- 2. See the certification below. No fee is required.

	C. 37 C.F.R. § 1.97(d):
	after the mailing date of either a Final Office Action under 37 C.F.R. § 1.113 or a Notice of Allowance under 37 C.F.R. § 1.311, yet on or before payment of the issue fee.
	1.  See the certification below. A fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).
VI.	CERTIFICATION UNDER 37 C.F.R. § 1.97(e): (check only one box)
	The undersigned hereby certifies that:
	A.   each item of information contained in this IDS was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS (See 37 C.F.R. § 1.97(e)(1)).   See further statement under 37 C.F.R. 1.704(d) below in section VII, if applicable; or
	B no item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this IDS (See 37 C.F.R. § 1.97(e)(2)).
	C. some of the items of information were first cited in a communication from a foreign patent office. As to this information, the undersigned hereby certifies that each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby certifies that no item of this remaining information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this IDS.
VII.	STATEMENT UNDER 37 C.F.R. 1.704(d)
	The undersigned hereby states that:
	☐ each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this IDS.

#### VIII. PAYMENT OF FEES (check only one box)

- A. A check in the amount of \$180.00 is enclosed for the above identified fee.
- B. Please charge Deposit Account No. 08-0750 in the amount of \$180.00 for the above-indicated fee. A duplicate copy of this paper is attached.

The above references are being cited only in the interest of candor and without any admission that they constitute statutory prior art, contain matter which anticipates the invention, or which would render the same obvious, either singly or in combination, to a person of ordinary skill in the art. Furthermore, this Information Disclosure Statement shall not be construed as a representation that a search has been made.

If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 08-0750.

Please charge any additional fees or credit any overpayment pursuant to 37 C.F.R. § 1.16 or § 1.17 to Deposit Account No. 08-0750.

Respectfully submitted,

Dated: March 8, 2006

David L. Suter Reg. No. 30,692

Harness, Dickey & Pierce, P.L.C. P.O. Box 828 Bloomfield Hills, Michigan 48303 (248) 641-1600

DLS/kq

## MAR 0 8 2006 FORMEHOP-1

FORM HDP-1449 (Based on Form PTO-1449)

### PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Sheet 1 of 2

ATTORNEY DOCKET NO.	SERIAL NO.
1736-000001/REB	10/643,674
APPLICANT	
Hyon et al.	
FILING DATE	GROUP
August 19, 2003	1711

U.S. P	U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date	
1.		4,390,666	06/28/1983	Moriguchi et al.			
2.		5,466,530	11/14/1995	England et al.			
3.		5,709,020	01/20/1998	Pienkowski et al.			

FORE	IGN PATEN	T DOCUMENTS					
Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	No ·
. 1.		WO 93/10953	06/10/1993	WIPO		N/A	

OTHE	R DOCUME	NTS (including Author, Title, Date, Pertinent Pages, etc.)
Ref. Desig.	Examiner's Initials	
1.		Crugnola et al., Ultrahigh Molecular Weight Polyethylene as Used in Articular Prostheses (A Molecular Weight Distribution Study), J. of App. Polymer Science, Vol. 20, (1976) pp. 809-812.
2.		Ellis et al., The Use of Ultrahigh Molecular Weight Polyethylene in Articular Prostheses II. Effects of Fabrication and Gamma Sterilization on Polymer Characteristics, Coatings and Plastics Preprints, Vol. 37, No. 2, American Chemical Society, (1977) pp. 280-284.
3.		Howmedica, Material Properties, Product Quality Control, and Their Relation to UHMWPE Performance, Part Two of a Series on Ultra-High Molecular Weight Polyethylene, (1994) pp. 1-20.
4.		Howmedica, Overview and Fundamentals of UHMWPE, Part One of a Series on Ultra-High Molecular Weight Polyethylene, (1994) pp. 1-8.
5.		Jones et al., Effect of y Irradiation on the Friction and Wear of Ultrahigh Molecular weight Polyethylene, Wear, Vol. 70, (1981) pp. 77-92.
6.		Kashiwabara et al., Radiation-Induced Oxidation of Plastics, Radiation Processing of Polymers, Chapter 11, (1992) pp. 221-254.

Examiner:	Date Considered:
The state of the s	

#### FORM HDP-1449 (Based on Form PTO-1449)

## PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Sheet 2 of 2

ATTORNEY DOCKET No.	SERIAL NO.
1736-000001/REB	10/643,674
APPLICANT	
Hyon et al.	
FILING DATE	GROUP
August 19, 2003	1711

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)			
Ref. Desig.	Examiner's Initials		
7.		Narkis et al., Structure and Tensile Behavior of Irradiation - and Peroxide - Crosslinked Polyethylenes, J. Macromol. Sci Phys., Vol. B 26, No. 1, (1987) pp. 37-58.	
8.		Nusbaum et al., The Effects of Radiation Sterilization on the Properties of Ultrahigh Molecular Weight Polyethylene, Journal of Biomedical Materials Research, Vol. 13, (1979) pp. 557-76.	
9.		Silverman, Radiation-Induced and Chemical Crosslinking: A Brief Comparison, Radiation Processing of Polymers, Chap. 2, (1992) p. 15-22.	
10.		Sultan et al., Advances in Crosslinking Technology, Plastics, Rubber and Composites Processing and Applications 21, (1994) pp. 65-73.	
11.		Yongxiang et al., Crosslinking of Wire and Cable Insulation Using Electron Accelerators, Radiation Processing of Polymers, Chap. 5, (1992) pp. 71-92.	

Examiner:	Date Considered: